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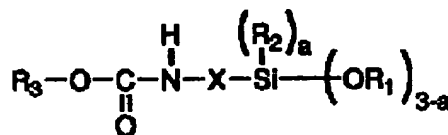
C07F 7/18(21) Application number: **09143794**(71) Applicant: **HOYA CORP**(22) Date of filing: **02.06.97**(72) Inventor: **KITAHARA YOSHITAKA**(54) **ALKOXYSIANE COMPOUND CONTAINING
ORGANOSILYL GROUP AND CARBAMATE BOND**

isocyanatoalkoxysilane.

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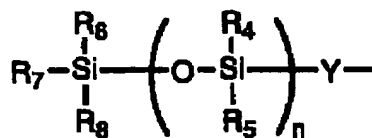
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject alkoxysilane comprising an alkoxysilane compound containing an organosilyl group and carbamate bond, having high solubility to polar solvents and useful as a water-repelling surface treating agent, a silane coupling agent, an inorganic-organic composite raw material, a compatibilizer, etc.



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SOLUTION: This new alkoxysilane containing an organosilyl group and carbamate bond is represented by formula I {R₁ and R₂ are each a 1-4C alkyl; (a) is 0 or 1; X is a 1-6C alkylene; R₃ is a group represented by formula II [Y is a 1-8C alkylene, etc., in which carbon atom may be substituted with oxygen atom; R₄ to R₇ are each a 1-6C alkyl, phenyl or trimethylsiloxy; R₈ is a 1-6C alkyl, phenyl, trimethylsiloxy, etc.; (n) is an integer of 0-15] [e.g. N-(2-trimethylsilylethyl)carbamoyloxypropyltriethoxysilane]. The compound is useful as a water-repelling surface treating agent, a silane coupling agent, a raw material for organo-inorganic composite materials. The compound is obtained from trimethylsilyl alcohol and an



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